



SEQUENCE LISTING

<110> Stanton, Jr, Vincent P.

<120> METHOD FOR GENETIC ANALYSIS OF APOE DNA
AND USES THEREOF

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<140> 09/967,013

<141> 2000-10-25

<150> 60/206,613

<151> 2000-05-23

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<210> 6

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 6

caccgcttgc cccagaatg gaggagggtg tctgtattac tgggcgaggt gtcct

55

<210> 7

<211> 55
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 7
 aggacacctc gccagtaat acagacaccc tctccattc tgggggcaag cggtg 55

<210> 8
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 8
 gtctgtacgc gtaggtaaga cccccgttc 29

<210> 9
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 9
 cttgccccca gaatggatgc gcatgtctgt attactgggc gaggtgtcct 50

<210> 10
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 10
 aggacacctc gccagtaat acagacatgc gcatccattc tgggggcaag 50

<210> 11
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(30)
 <223> n = A,T,C or G

<400> 11
 nnnnnggatg nnnnnnnnnn nnnnnnnnnn 30

<210> 12
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(30)
 <223> n = A,T,C or G

<400> 12
 nnnnnnnnnn nnnnnnnnnn cagccnnnnn

30

<210> 13
 <211> 18
 <212> DNA
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<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(18)
 <223> n = A,T,C or G

<400> 13
 nnnnnntgcg cannnnnn

18

<210> 14
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(18)
 <223> n = A,T,C or G

<400> 14
 nnnnnntgcg cannnnnn

18

<210> 15
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 15
 caccgcttgc cccagaatg gaggagggtg tctgtattac tgggcgaggt

50

<210> 16
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 16
 acctcgccca gtaatacaga caccctcttc cattctgggg gcaagcggtg 50

<210> 17
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 17
 gtctacgcgt aggggtggagg aggtaagacc cccgttc 37

<210> 18
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 18
 cttgccccca gaatggagga ggatgcgag gtgtctgtat tactgggcga ggt 53

<210> 19
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 19
 acctcgccca gtaatacaga cacctgcgca tctctctcca ttctgggggc aag 53

<210> 20
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 20
 cgcctatggc tggagttgag ctagcaagac caaaaggatt tataaacttc 50

<210> 21
 <211> 50

<212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 21
 gaagtttata aatccttttg gtcttgctag cgcaactcca gccataggcg 50

<210> 22
 <211> 44
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 22
 atttaggaaa gtgcacgtga cagaacgata gcgttgaggt cggt 44

<210> 23
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 23
 tggctggagt tgcgctagca agacgtgcag ctgcaaaagg atttataaac ttc 53

<210> 24
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 24
 gaagtttata aatccttttg cagctgcacg tcttgctagc gcaactccag cca 53

<210> 25
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 25
 cgcctatggc tggagttgog ctagcaagac caaaaggatt tataaacttc 50

<210> 26
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 26
 gaagtttata aatccttttg gtcttgctag cgcaactcca gccataggcg 50

<210> 27
 <211> 45
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 27
 atttaggtag gtgcgcgaaa ccagaacgat cgcgttgagg tcggt 45

<210> 28
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 28
 cgcctatggc tggagttgag ctagcaagac cacagctgga tgaaggattt ataaacttc 59

<210> 29
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 29
 gaagtttata aatccttcat ccagctgtgg tcttgctagc gcaactccag ccataggcg 59

<210> 30
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 30
 cttgccccca gaatggagga ggatgcgag gtgt 34

<210> 31
 <211> 38
 <212> DNA
 <213> Artificial Sequence

<220>

<223> exemplary motif

<400> 31

acagacacct ggcatacttc ctccattctg ggggcaag

38

<210> 32

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 32

cttgccccca gaatggagga ggatgcgcag gtgtctgt

38

<210> 33

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(44)

<223> n = A,T,C or G

<400> 33

nnnnnnnnnn nnnnnnccgan nnnnntgcnn nnnnnnnnnn nnnn

44

<210> 34

<211> 44

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(44)

<223> n = A,T,C or G

<400> 34

nnnnnnnnnn nnnnnngcan nnnnntcgcn nnnnnnnnnn nnnn

44

<210> 35

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(34)

<223> n = A,T,C or G

<400> 35
 nnnnnnnnnn cgannnnnt gcnnnnnnnn nnnn 34

 <210> 36
 <211> 34
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <221> misc_feature
 <222> (1)...(34)
 <223> n = A,T,C or G

 <400> 36
 nnnnnnnnnn nngcannnnn ntcgnnnnnn nnnn 34

 <210> 37
 <211> 38
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 37
 gtctgtaggc tgaggtggag gaggtaagac ccccgttc 38

 <210> 38
 <211> 54
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 38
 cttgccccca gaatggagga gagtcggatg ggtgtctgta ttactgggcg aggt 54

 <210> 39
 <211> 54
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> exemplary motif

 <400> 39
 acctgcccc gtaatacaga caccatccg actctctcc attctggggg caag 54

 <210> 40
 <211> 33
 <212> DNA
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<220>

<223> exemplary motif

<400> 40

gtctgtaggg tggaggaggt aagacccccg ttc

33

<210> 41

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 41

cttgccccca gaatggagga ggatgggtgt ctgtattact gggcgaggt

49

<210> 42

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 42

acctgccccca gtaatacaga cacccatcct cctccattct gggggcaag

49

<210> 43

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(22)

<223> n = A,T,C or G

<400> 43

atctggannn nnnnnnnnnt cc

22

<210> 44

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(26)

<223> n = A,T,C or G

<400> 44

atctggannn nnnnnnnnnt ccagat

26

<210> 45
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 45
 atctggannn nnnnnnnnnt ccagat

26

<210> 46
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 46
 atctggannn nnnnnnnnnt ccggat

26

<210> 47
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 47
 atctggannn nnnnnnnnnt ccagat

26

<210> 48
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(22)
 <223> n = A,T,C or G

<400> 48
atccggannn nnnnnnnnnt cc 22

<210> 49
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 49
atccggannn nnnnnnnnnt ccagat 26

<210> 50
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 50
atctggannn nnnnnnnnnt ccggat 26

<210> 51
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
<222> (1)...(26)
<223> n = A,T,C or G

<400> 51
atccggannn nnnnnnnnnt ccggat 26

<210> 52
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 52
 atccggannn nnnnnnnnnnt ccggat

26

<210> 53
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 53
 tagacctnnn nnnnnnnnna ggtcta

26

<210> 54
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 54
 tagacctnnn nnnnnnnnna ggccta

26

<210> 55
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<221> misc_feature
 <222> (1)...(26)
 <223> n = A,T,C or G

<400> 55
 taggcctnnn nnnnnnnnna ggtcta

26

<210> 56
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>

<223> exemplary motif

<221> misc_feature

<222> (1)...(26)

<223> n = A,T,C or G

<400> 56

taggcctnnn nnnnnnnna ggccta

26

<210> 57

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 57

acacagactc atgcaactct g

21

<210> 58

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 58

acgcagactc atgcaactct g

21

<210> 59

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 59

actcatgcaa ctctg

15

<210> 60

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 60

actcatgcaa ctctgygttc cacttcggcc aagaa

35

<210> 61

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 61

ttcttggccg aagtggaacr cagagttgca tgagt

35

<210> 62

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 62

gtggaacaca gagttgcatg agt

23

<210> 63

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 63

gtggaacgca gagttgcatg agt

23

<210> 64

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 64

actcatgcaa ctctgtgttc cac

23

<210> 65

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 65

actcatgcaa ctctgcgttc cac

23

<210> 66

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 66

acgcagactc atgcaactct gtgttccac

29

<210> 67

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 67

gtggaacaca gagttgcatg agtc

24

<210> 68

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 68

acgcagactc atgcaactct gcgttccac

29

<210> 69

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 69

gtggaacgca gagttgcatg agtc

24

<210> 70

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 70

acacagactc atgcaactct gtgttccac

29

<210> 71

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> exemplary motif

<400> 71
gtggaacaca gagttgcatg agtt

24

<210> 72
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 72
acacagactc atgcaactct gcgttccac

29

<210> 73
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 73
gtggaacgca gagttgcatg agtt

24

<210> 74
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 74
gtggaacaca gagttgcatg ag

22

<210> 75
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 75
gtggaacgca gagttgcatg ag

22

<210> 76
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 76

gcaggccccg ctgggcgcgg acatggagga cgtgtgcggc cgcctggtgc agtaccgc 58

<210> 77
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 77
 gcggtactgc accaggcggc cgcacacgtc ctccatgtcc gcgccagcc gggcctgc 58

<210> 78
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 78
 gtgcagacgc gtagggagta caggcgcggg tcggccc 37

<210> 79
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 79
 ggcgaggtgc aggccatgct cggccagagc accgaggagc tgcgggtgcg cctcgcct 58

<210> 80
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 80
 aggcgaggcg caccgcagc tcctcgggtgc tctggccgag catggcctgc acctcgc 58

<210> 81
 <211> 56
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 81
 ccacctgcgc aagctgcgta agcggctcct ccgcgatgcc gatgacctgc agaagc 56

<210> 82
 <211> 56
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 82
 gcttctgcag gtcacggca tcgcggagga gccgcttacg cagcttgccg aggtgg 56

<210> 83
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 83
 ggctactgga cgtcttcg 18

<210> 84
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 84
 cccggctggg cgcggacatg ggatgcgcaa ggacgtgtgc ggccgcctgg tgcagtac 58

<210> 85
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 85
 gtactgcacc aggcggccgc acacgtcctt ggcacatccca tgtccgcgcc cagccggg 58

<210> 86
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> exemplary motif

<400> 86
 cgcggcgagg tgcaggccat gctcggccag agcaccgagg agctgcgggt gcgcctcg 58

<210> 87
 <211> 58

<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 87
cgaggcgac cgcagctcc tcggtgctct ggccgagcat ggctgcacc tcgccgcg 58

<210> 88
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 88
cctccacctg cgcaagctgc gtaagcggct cctccgcgat gccgatgacc tgcagaagc 59

<210> 89
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 89
gcttctgcag gtcacggca tcgcggagga gccgcttacg cagcttgccg aggtggagg 59

<210> 90
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 90
cccggctggg cgcggacatg ggatgcgcaa ggacgtgcgc ggccgcctgg tgcagtac 58

<210> 91
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary motif

<400> 91
gtactgcacc aggcggccgc gcacgtcctt ggcgcatcca tgtccgcgcc cagccggg 58